

**DOZUKI**

# SCT EGT Sensor Kit Setup

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## TOOLS:

- [3/8" Drive Extension 3" \(1\)](#)





## PARTS:

- [SCT EGT Sensor Kit \(1\)](#)

## SUMMARY

## Step 1 — Setting Up



- Put the case upright on a flat, stable surface so that the rear panel (power supply and expansion slots) is facing you. To remove the left and right side panels, remove these thumbscrews first.
- Note: Place the panel thumbscrews aside carefully and remember where they are 
- Remove the panel by gripping the end of the panel at the top & bottom and swinging the panel outward. Do not pull the panel back toward the rear of the chassis
- Caution: Do not use your fingernails to pry or lift the panels. Damage to the panels or injury to your fingernails may result. 

## Step 2 — Motherboard Installation




- Before proceeding: Check the manual for your CPU cooler to find out if there are steps you must do before installing the motherboard.
- Make sure you have the correct I/O panel for your motherboard. If the panel provided with the chassis isn't suitable, please contact your motherboard manufacturer for the correct I/O panel.
- The P280 comes with six preinstalled motherboard standoffs. These are positioned for Standard ATX motherboards but can be relocated to accommodate other form factors.
- Align the motherboard with the standoff holes on the motherboard tray and remember or mark which holes are lined up.
- Install standoffs as needed and put the motherboard in.

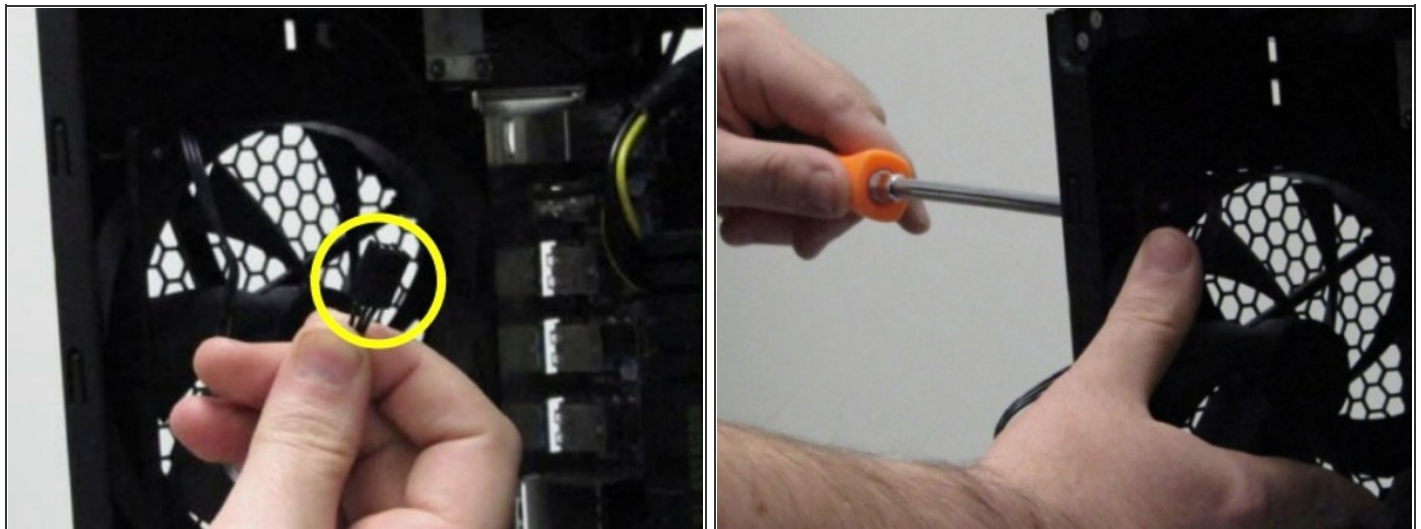


### Step 3



- Caution: Make sure to remove any unused motherboard standoffs. They may come into contact with the back of the motherboard and may electrify your chassis exterior if left connected. 
- Screw your motherboard into the standoffs with the provided motherboard mounting screws

## Step 4 — Installing Kuhler H2O Liquid Coolers



- The following instructs how to install the Antec KUHLER H2O liquid CPU cooler (620 / 920). For any other CPU coolers, please consult your manufacturer's installation guide.
- Remove the rear fan by first disconnecting the power connector from the fan power hub directly above the fan.
- Remove the screws on the back of the chassis while supporting the fan with your other hand.
- Prepare the retention ring according to the CPU socket you're using.
- Complete installation according to the KUHLER H2O instructions.



## Step 5 — Power Supply Installation



- With the case upright, place the power supply as illustrated in the image to the right.
- Push the power supply to the back of the case and align the mounting holes.
- Attach the power supply to the case with the screws provided.

## Step 6 — External 5.25" Device Installation

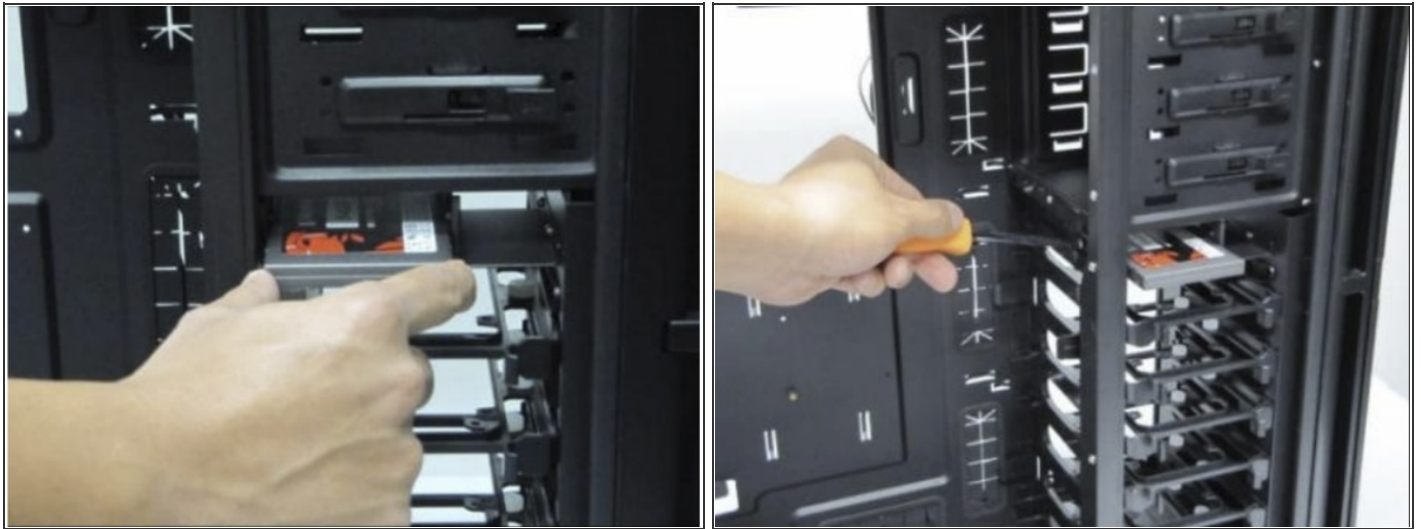


- To install a 5.25" drive, you will need to remove the side panel and open the front door.
- With the side panel off, carefully push the drive bay cover out of the drive bay.
- Slide your 5.25" drive through the front of the chassis until it lines up flush with the front bezel. You will feel the drive lock into position.
- If you need more clearance on the inside of the chassis for your drive, pull the drive bay tab on the inside of the chassis toward you and push the drive in further.





## Step 7 — Internal 2.5" Device Installatio




- There are two dedicated 2.5" drive bays in the P280.
- With the side panel open, slide your 2.5" drive into the drive bay so that the drive's holes align with the drive bay holes.
- Secure your drive with the 2.5" screws provided (D in Section 1.3).



## Step 8 — Internal 3.5" / 2.5" Device Installation



- The P280 has six drive bays that are compatible with both 3.5" and 2.5" drives. 
- Remove one of the drive trays by pinching the ends of the tray inward and pulling the drive tray out.
- Place your 3.5" drive on the tray so that the holes line up with the silicone grommets.
- Using the 3.5" drive screws (E in Section 1.3), secure your 3.5" drive to the tray. We recommend using your hand to find the exact threading of the drive's holes then using a screwdriver to completely secure your drive. Do not over-tighten the screws as this will minimize the grommets' ability to reduce vibration.
- Now that your drive is secure to the tray, pinch the ends of the tray and insert your drive into the bay. You will hear your device click into place.



## Step 9 — How to install a 2.5" drive



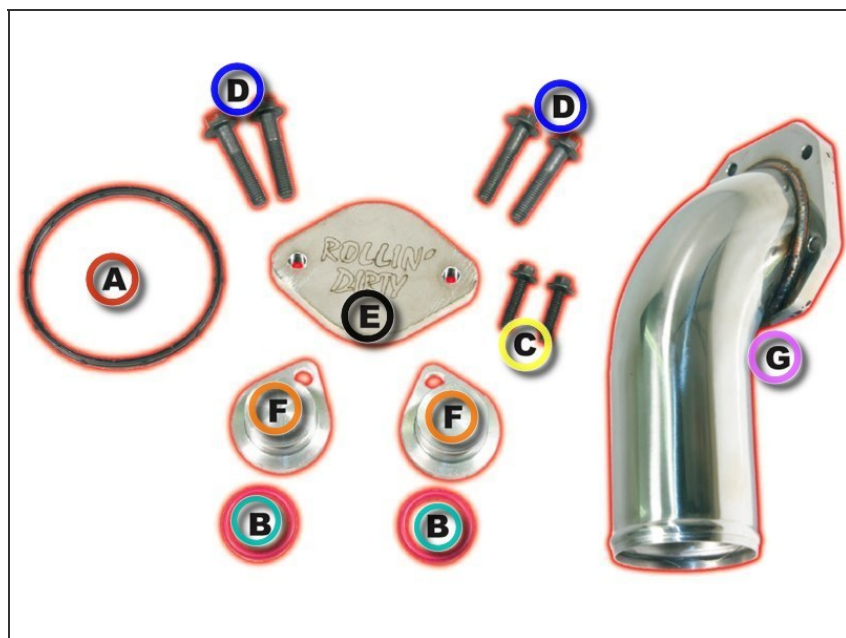
- Extract one of the drive trays by pinching the ends of the tray inward and pulling the drive tray out
- Place your 2.5" drive on the tray so that the holes line up with the 2.5" tray holes.
- Using the 2.5" drive screws (F in Section 1.3), secure your 3.5" drive to the tray with a screwdriver.
- Now that your drive is secure to the tray, pinch the ends of the tray and insert your drive into the bay. You will hear your device click into place.
- \*If you need to install additional 5.25" drive bays, please remove the metal cover adjacent to the plastic drive bay cover.

## Step 10 — Cable Management



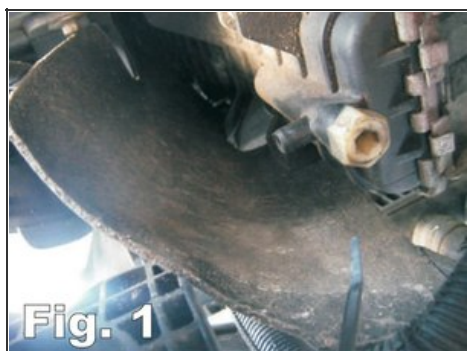
- There is a cable management compartment between the motherboard and right side panel, as well as cable tiedowns located on the back of the motherboard panel. You can tuck excess cables in this compartment or route them to the drive bays.

## Step 11 — EGR and Cooler Delete — Parts Included with Kit



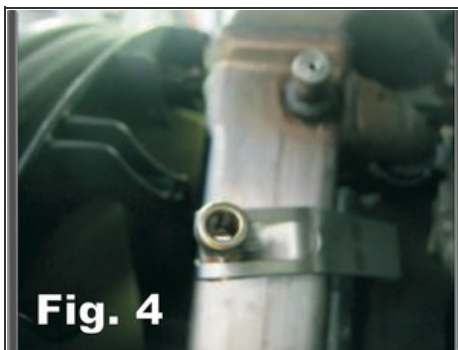
- 1-3" Grooved Intake Elbow O-Ring
- 2-1" Coolant Plug O-Ring
- 2-Intake Bolts
- 4-Manifold Bolts
- 1-Exhaust Block Off Plate
- 2-Coolant Block Off Plugs
- 1-Polished 304 Stainless Intake Elbow

## Step 12 — Removing the OEM Parts



- Un-Hook Battery Terminals
- Drain coolant, approx 5 gallons. Coolant drain is located on drivers side of vehicle. It helps to use a hose to avoid making a mess.
- Loosen the white plastic head bolt.
- Remove drivers side battery
- Remove 4x13mm bolts that hold down the battery box.
- Remove 3/8" coolant line from the coolant reservoir.
- Lift up on coolant reservoir in order to unplug vacuum line on outside toward fender. Fig. 2




**Step 13**


- Unhook line on bottom of coolant reservoir. There is a self locking snap ring, use a small pick to remove it.
- Remove battery box and coolant reservoir. Then disconnect rad hose and push aside.
- Remove rubber coolant hose on vertical cooler at top. Fig. 4
- Loosen clamps that secure vertical cooler.
- Remove 2 bolts at top of cooler.
- Remove second coolant hose at top of cooler towards the back of the vehicle. Fig. 5
- Loosen clamps that hold boost tube. Top and bottom break free and leave in vehicle.
- Unplug all sensors at the intake and EGR



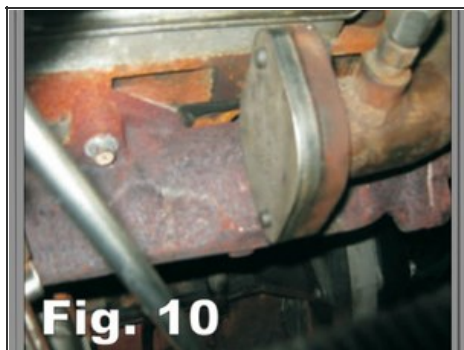
**Step 14**

- On the bottom half of the vertical cooler, there is an exhaust tube and coolant tube. Cut the exhaust tube. Fig. 7. and remove the 90 degree rubber coolant elbow. Fig 6 
- Remove the vertical cooler by pulling up and wiggling out.
- With driver side tire removed, remove the driver side inner wheel well.
- Make sure the steering wheel is centered and locked to prevent air bag and steering wheel control damage.
- Disconnect steering rod, this is a 13mm head push joint apart towards steering box.
- Remove oil dip stick tube hold down nut.

**Step 15**

- Remove 2 bolts at rear of horizontal cooler from exhaust pipe.
- Undo 2 straps holding cooler to bracket.
- Cut rear coolant hose at back of horizontal cooler, cooler should now be free.
- Remove the cooler by twisting and pulling down towards the front. Take your time, it is tight! 
- Remove steel coolant line (timing cover to rear of horizontal cooler) there is a one nut holding to the block. Keep the 8mm bolt removed from the cover.
- Install coolant block off plug (F) with pink o-ring (B), use a little oil for a better seal.



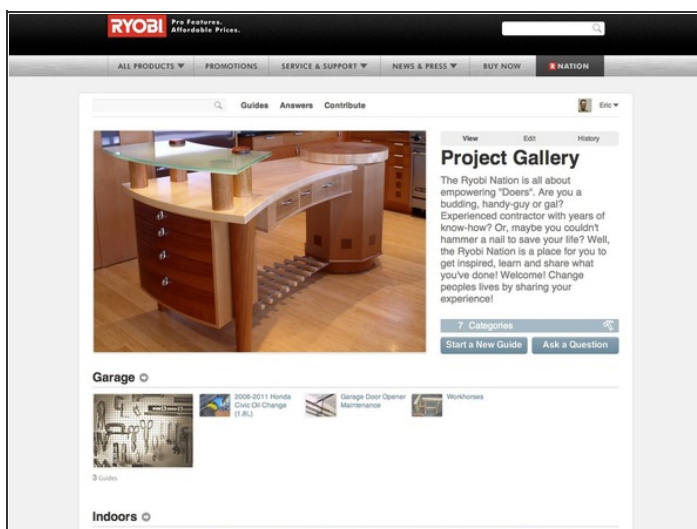
**Step 16**

- Remove 4 bolts on manifold to remove horizontal cooler bracket. Remove bracket, and install new bolts provided.
- Install steel block off plate at rear where the horizontal cooler was. Use the OEM bolts. Fig 10
- Remove the clamps at the intake and loosen 4x8mm bolts, remove intake.
- Cover intake with a rag, and remove steel coolant line at top of engine where the vertical cooler is hooked in. This is an 8mm bolt and can only be done by feel.
- Once removed, install the second block off plug with pink o-ring and install 8mm bolt.
- Install the new intake elbow with new o-ring. 2 OEM bolts are used and 2 new bolts are provided. Hook up intake tube and tighten clamps.





## Step 17



- Reinstall steering rod. Use blue Loc Tite.
- Reinstall steering tube, boost tube at turbo and at inner cooler. Reattach upper radiator hose.
- Reinstall driver side wheel well and reinstall coolant reservoir and vacuum line.
- Reinstall battery, fill coolant reservoir and run engine to burp out air.
- Installation Complete!

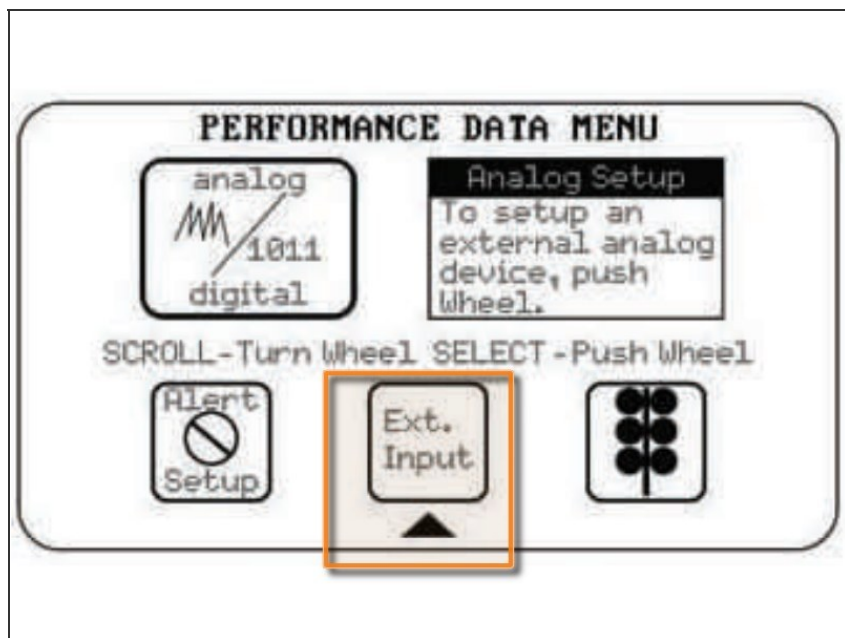


## Step 18 — SCT EGT Sensor Kit Setup — Getting Started



- Using the jog wheel, scroll to the performance data menu and press the jog wheel
- Test
- ttsts
- fff
- An air purifier is a small appliance designed to filter air-borne pollutants from indoor spaces. Although dust is most noticeable where it settles and collects, the average home has about 3 million dust particles suspended in every cubic foot of air. Scary, isn't it?! There are two types of air purifiers: the mechanical type and the electronic type. Both come in small-room and whole-house models. In a typical mechanical air purifier, a blade fan or a squirrel-cage fan draws air through a series of filters, including a prefilter (to remove the largest particles), one or more activated carbon o

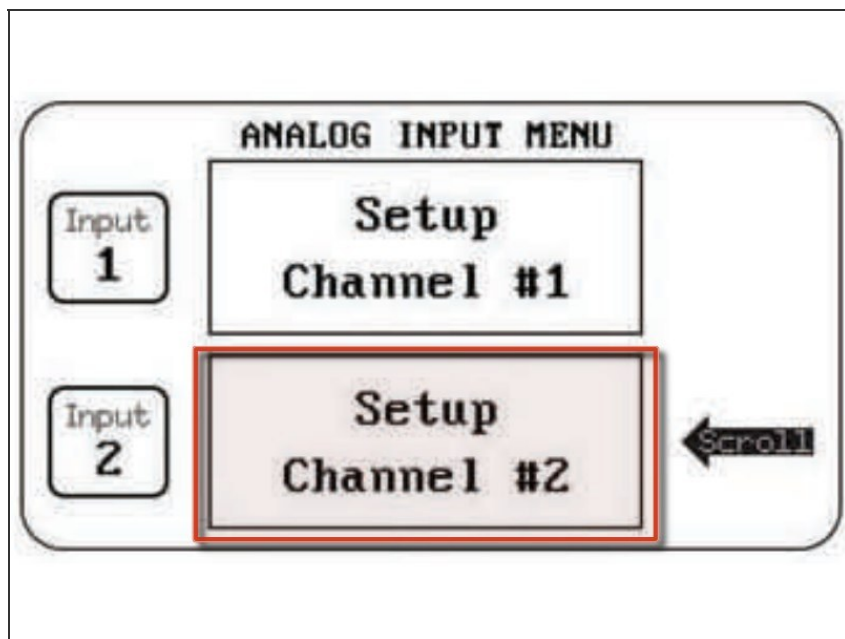
## Step 19



- Scroll to the External Input icon and press the jog wheel.
- After reading the next screen that is displayed, press the jog wheel



## Step 20



- Using the jog wheel scroll down to the Setup Channel 2 selection and press the jog wheel

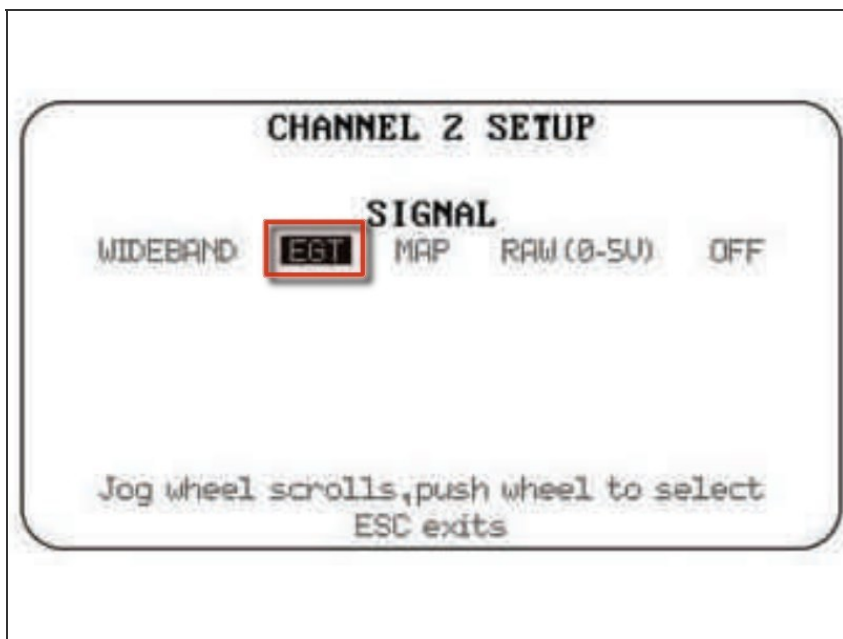
## Step 21



- Scroll to the **SCT EGT KIT** selection and press the jog wheel.
- When finished, press the ESC button to return to the main menu.



## Step 22



- Once the Channel 2 Setup screen is displayed, scroll to the **EGT** selection and press the jog wheel

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